

VHF airband corner reflector 60° 118-136MHz

DESCRIPTION

A VHF Corner Reflector antenna designed for airband radio. This antenna provides approximately the same gain as an 8-Element Yagi antenna but with improved F/B ratio and reduced sidelobes in the horizontal plane. Produced to the highest quality standards, these robust antenna designs will ensure reliable operation in harsh environmental conditions.

- Former Skymasts brand product.

SPECIFICATIONS

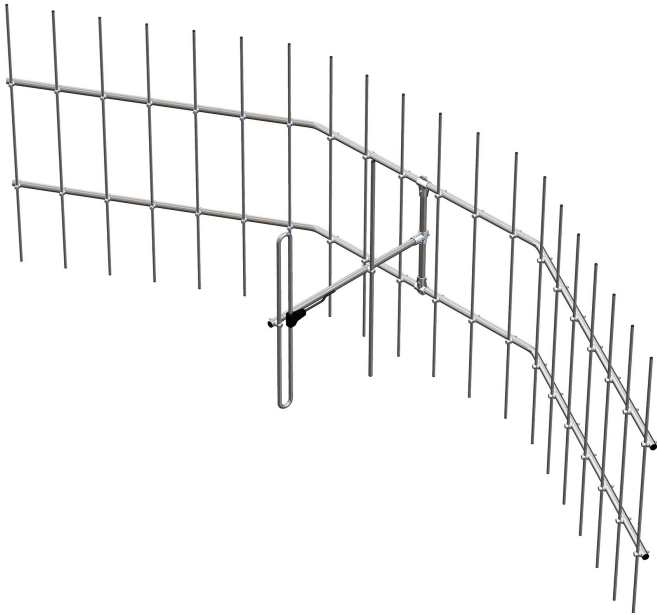
Electrical	
Frequency	118 - 136 MHz
Max. Input Power	200 W
Polarisation	Linear (Vertical or Horizontal)
3 dB Beamwidth, E-Plane	60 °
3 dB Beamwidth, H-Plane	60 °
Impedance	50 Ω
Gain	8 dBd (10.2 dBi)
VSWR	< 1.5:1
Front-To-Back Ratio	> 25 dB
Antistatic Protection	All metal parts DC-grounded (Connector shows a DC-short)

Mechanical	
Connection(s)	N(f) on 3m RG213/U cable
Materials	Boom, 32 mm dia. aluminium elements, 12.7 mm dia. aluminium balun, Fully moulded enclosure
Dimensions	1050 x 3200 x 1030 mm (H x W x D) Antenna disassembles for shipping
Wind Load	739 N (160km/h)
Weight	12 kg / 26.46 lb

Environmental	
Operating Temperature Range	-40 to 70 °C
Ingress Protection	IP68

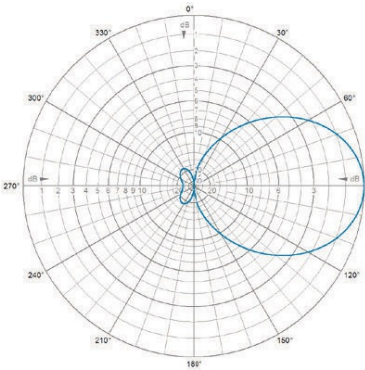
ORDERING

Model	Product No.	Frequency
VHF airband corner reflector 60° 118-136MHz	S.CR-120-127	118 - 136 MHz



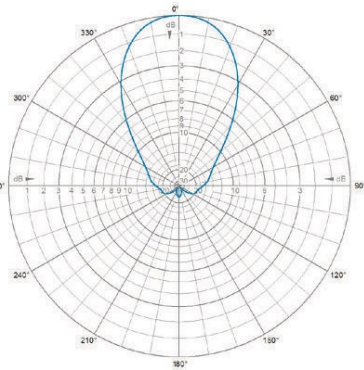
DIAGRAM

RADIATION PATTERNS



E-Plane | 127 MHz

RADIATION PATTERNS



H-Plane | 127 MHz

